

## **Fire Island National Seashore, Accuracy Assessment Metadata**

### Identification\_Information:

#### Citation:

##### Citation\_Information:

Originator: Conservation Management Institute

Publication\_Date: 200204

Title: Fire Island National Seashore Vegetation Mapping Project: Accuracy Assessment Point Dataset

Edition: 1.0

Geospatial\_Data\_Presentation\_Form: vector digital data

Online\_Linkage: [http://biology.usgs.gov/npsveg/fiis/index.html#accuracy\\_assessment\\_info](http://biology.usgs.gov/npsveg/fiis/index.html#accuracy_assessment_info)

#### Description:

Abstract: This dataset was compiled to provide users with the geographic locations of the accuracy assessment plots used to assess the Fire Island Vegetation Map classification system.

Purpose: The purpose of this data is to provide the managers and researchers on Fire Island with an accurate spatially referenced dataset to assist in their efforts.

#### Time\_Period\_of\_Content:

##### Time\_Period\_Information:

##### Single\_Date/Time:

Calendar\_Date: 200109

Currentness\_Reference: ground condition as of 2001

#### Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: None planned

#### Spatial\_Domain:

##### Bounding\_Coordinates:

West\_Bounding\_Coordinate: -73.305740

East\_Bounding\_Coordinate: -72.756824

North\_Bounding\_Coordinate: 40.783224

South\_Bounding\_Coordinate: 40.612470

Description\_of\_Geographic\_Extent: Fire Island National Seashore, New York, USA

#### Keywords:

##### Theme:

Theme\_Keyword\_Thesaurus: none

Theme\_Keyword: accuracy assessment

Theme\_Keyword: GPS

Theme\_Keyword: vegetation classification

Theme\_Keyword: vegetation key

##### Place:

Place\_Keyword\_Thesaurus: none

Place\_Keyword: Fire Island

Place\_Keyword: William Floyd Estate

Access\_Constraints: There are no access constraints attached to these data.

Use\_Constraints: These data were designed to identify and map vegetation polygons only. They are not appropriate for other uses such as legal property boundary identification, tax assessment, etc.

#### Point\_of\_Contact:

##### Contact\_Information:

##### Contact\_Organization\_Primary:

Contact\_Organization: Conservation Management Institute

Contact\_Person: Scott Klopfer

Contact\_Position: GIS & Remote Sensing Division Coordinator

##### Contact\_Address:

Address\_Type: mailing and physical address

Address: 203 West Roanoke Street

City: Blacksburg

## USGS-NPS Vegetation Mapping Program

### Fire Island National Seashore

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State\_or\_Province: Virginia  
Postal\_Code: 24061  
Country: USA  
Contact\_Voice\_Telephone: 540 231 7348  
Contact\_TDD/TTY\_Telephone: none  
Contact\_Facsimile\_Telephone: 540 231 7019  
Contact\_Electronic\_Mail\_Address: skloper@vt.edu  
Hours\_of\_Service: 8-5 Monday through Friday EST  
Contact\_Instructions: email preferred

#### Browse\_Graphic:

Browse\_Graphic\_File\_Name: <http://biology.usgs.gov/npsveg/fiis/images/fiisaa.jpg>  
Browse\_Graphic\_File\_Description:  
110 kbyte file showing vegetation associations and location of accuracy assessment points  
Browse\_Graphic\_File\_Type: JPG  
Native\_Data\_Set\_Environment: Microsoft Windows 2000 Version 5.0 (Build 2195) ; ESRI ArcCatalog 8.1.0.642

#### Data\_Quality\_Information:

##### Attribute\_Accuracy:

Attribute\_Accuracy\_Report: The classification of vegetation for this accuracy assessment was accomplished through the use of a vegetation key. Field assessors, at times, felt as if they did not have a "good" option when using the key. These points are discussed in detail in the final report.

Logical\_Consistency\_Report: Points were created from GPS data recorded in the field.

Completeness\_Report: These points represent the target accuracy assessment points actually visited in the field.

##### Positional\_Accuracy:

##### Horizontal\_Positional\_Accuracy:

Horizontal\_Positional\_Accuracy\_Report: Location information was taken with a GPS and differentially corrected. No quantitative report of accuracy is available, but standard deviations calculated for each position were used to filter locations before use in the accuracy assessment.

##### Lineage:

##### Process\_Step:

Process\_Description: Points were selected at random within each vegetation association on Fire Island. These points were then broken up into routes which covered a specific region of Fire Island. Assessors used field keys prepared by NatureServe to classify polygons in which accuracy assessment targets were found. They also included notes as to the confidence they had in their classification and the spatial accuracy of their point. All information was recorded on a GPS unit which also recorded a position for the interpreted location.

Process\_Date: 200109

Cloud\_Cover: 0

#### Spatial\_Data\_Organization\_Information:

Direct\_Spatial\_Reference\_Method: Vector

##### Point\_and\_Vector\_Object\_Information:

##### SDTS\_Terms\_Description:

SDTS\_Point\_and\_Vector\_Object\_Type: Entity point

Point\_and\_Vector\_Object\_Count: 428

##### SDTS\_Terms\_Description:

SDTS\_Point\_and\_Vector\_Object\_Type: Point

Point\_and\_Vector\_Object\_Count: 4

##### SDTS\_Terms\_Description:

SDTS\_Point\_and\_Vector\_Object\_Type: GT-polygon composed of chains

Point\_and\_Vector\_Object\_Count: 7738

##### SDTS\_Terms\_Description:

SDTS\_Point\_and\_Vector\_Object\_Type: Point

Point\_and\_Vector\_Object\_Count: 4

#### Spatial\_Reference\_Information:

##### Horizontal\_Coordinate\_System\_Definition:

##### Planar:

Grid\_Coordinate\_System:

## USGS-NPS Vegetation Mapping Program

### Fire Island National Seashore

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Grid\_Coordinate\_System\_Name: Universal Transverse Mercator

Universal\_Transverse\_Mercator:

UTM\_Zone\_Number: 18

Transverse\_Mercator:

Scale\_Factor\_at\_Central\_Meridian: 0.999600

Longitude\_of\_Central\_Meridian: -75.000000

Latitude\_of\_Projection-Origin: 0.000000

False\_Easting: 500000.000000

False\_Northing: 0.000000

Planar\_Coordinate\_Information:

Planar\_Coordinate\_Encoding\_Method: coordinate pair

Coordinate\_Representation:

Abcissa\_Resolution: 0.000128

Ordinate\_Resolution: 0.000128

Planar\_Distance\_Units: meters

Geodetic\_Model:

Horizontal\_Datum\_Name: North American Datum of 1983

Ellipsoid\_Name: Geodetic Reference System 80

Semi-major\_Axis: 6378137.000000

Denominator\_of\_Flattening\_Ratio: 298.257222

Entity\_and\_Attribute\_Information:

Detailed\_Description:

Entity\_Type:

Entity\_Type\_Label: fiis\_aa.pat

Entity\_Type\_Definition: Accuracy Assessment Point Dataset information for the entire length of Fire Island and the William Floyd Estate. The accuracy assessment mission was conducted in September of 2001. The data and location of each point was collected with a GPS unit. We used guidelines from The Nature Conservancy (1994) to determine the number of accuracy assessment points needed for Fire Island.

Entity\_Type\_Definition\_Source: Fire Island National Seashore and the USGS-NPS Vegetation Mapping Program.

Attribute:

Attribute\_Label: FID

Attribute\_Definition: Internal feature number.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute\_Label: Shape

Attribute\_Definition: Feature geometry.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Coordinates defining the features.

Attribute:

Attribute\_Label: AREA

Attribute\_Definition: Area of feature in internal units squared.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Area is always zero for point coverages. Values are automatically generated.

Attribute:

Attribute\_Label: PERIMETER

Attribute\_Definition: Perimeter of feature in internal units.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: textual description of vegetation association

Attribute:

Attribute\_Label: FIIS\_AA#

Attribute\_Definition: the vegetation classification assigned in the field

Attribute\_Definition\_Source: ESRI

## USGS-NPS Vegetation Mapping Program

### Fire Island National Seashore

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Attribute\_Domain\_Values:

Codeset\_Domain:

Codeset\_Name: Fire Island Vegetation Codeset

Codeset\_Source: Conservation Management Institute

Unrepresentable\_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute\_Label: FIIS\_AA-ID

Attribute\_Definition: code used to denote spatial or thematic corrections used on the point for the fuzzy accuracy assessment

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Enumerated\_Domain:

Enumerated\_Domain\_Value: 1

Enumerated\_Domain\_Value\_Definition: No corrections/modifications

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping

Enumerated\_Domain:

Enumerated\_Domain\_Value: 2

Enumerated\_Domain\_Value\_Definition: Spatial Modifications

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping

Enumerated\_Domain:

Enumerated\_Domain\_Value: 3

Enumerated\_Domain\_Value\_Definition: Thematic modification

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping

Enumerated\_Domain:

Enumerated\_Domain\_Value: 4

Enumerated\_Domain\_Value\_Definition: Spatial and Thematic Change

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping

Enumerated\_Domain:

Enumerated\_Domain\_Value: 5

Enumerated\_Domain\_Value\_Definition: Point removed

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping

Attribute:

Attribute\_Label: AA\_CLASS

Attribute\_Definition: code used to denote whether the point was used to assess polygons larger or equal to the MMU, or smaller than the MMU.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Enumerated\_Domain:

Enumerated\_Domain\_Value: 1

Enumerated\_Domain\_Value\_Definition: Point used to AA polygons equal to or larger than the MMU

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping Program

Enumerated\_Domain:

Enumerated\_Domain\_Value: 2

Enumerated\_Domain\_Value\_Definition: Point used to AA polygons less than the MMU

Enumerated\_Domain\_Value\_Definition\_Source: USGS-NPS Vegetation Mapping Program

Attribute:

Attribute\_Label: CORRCODE

Attribute\_Definition: textual description of the corrected code

Attribute\_Definition\_Source: USGS-NPS Vegetation Mapping Program

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute\_Label: SIZECODE

Attribute\_Definition: textual description of the size code

Attribute\_Definition\_Source: USGS-NPS Vegetation Mapping Program

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Sequential unique whole numbers that are automatically generated.

## **USGS-NPS Vegetation Mapping Program Fire Island National Seashore**

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### **Distribution\_Information:**

#### **Distributor:**

##### **Contact\_Information:**

##### **Contact\_Organization\_Primary:**

Contact\_Organization: USGS Biological Resources Division, Center for Biological Informatics

Contact\_Person: USGS-NPS Vegetation Mapping Program Coordinator

##### **Contact\_Address:**

Address\_Type: Physical Address

Address: USGS

Address: Biological Resources Division, CBI

Address: Building 810, Room 8000

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225-0046

Country: USA

##### **Contact\_Address:**

Address\_Type: Mailing Address

Address: USGS

Address: Biological Resources Division, CBI

Address: PO BOX 25046, DFC, MS302

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225-0046

Country: USA

Contact\_Voice\_Telephone: (303) 202-4220

Contact\_Facsimile\_Telephone: 303-202-4229

Contact\_Facsimile\_Telephone: 303-202-4219 (org)

Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Resource\_Description: NPS Vegetation Mapping Program: Vegetation Map of Fire Island National Seashore

Distribution\_Liability: The distributor maintains no liability for the use and application of these data beyond it's intended use as a depiction of vegetation.

### **Standard\_Order\_Process:**

#### **Digital\_Form:**

##### **Digital\_Transfer\_Information:**

Format\_Name: HTML

##### **Digital\_Transfer\_Option:**

##### **Online\_Option:**

##### **Computer\_Contact\_Information:**

##### **Network\_Address:**

Network\_Resource\_Name: [http://biology.usgs.gov/npsveg/fiis/index.html#accuracy\\_assessment\\_info](http://biology.usgs.gov/npsveg/fiis/index.html#accuracy_assessment_info)

Fees: None

### **Metadata\_Reference\_Information:**

Metadata\_Date: 20020426

Metadata\_Review\_Date: 20060831

#### **Metadata\_Contact:**

##### **Contact\_Information:**

##### **Contact\_Organization\_Primary:**

Contact\_Organization: USGS-NPS Vegetation Mapping Program Coordinator

##### **Contact\_Address:**

Address\_Type: mailing and physical address

Address:

U.S. Geological Survey, Center for Biological Informatics, MS 302,

Room 8000, Building 810, Denver Federal Center

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

Country: USA

**USGS-NPS Vegetation Mapping Program**  
**Fire Island National Seashore**

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Contact\_Voice\_Telephone: (303) 202-4220

Contact\_Facsimile\_Telephone: (303) 202-4219

Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Metadata\_Standard\_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1:  
Biological Data Profile, 1999

Metadata\_Standard\_Version: FGDC-STD-001-1998

Metadata\_Extensions:

Online\_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile\_Name: Biological Data Profile FGDC-STD-001.1-1999